



Overlake Village Area Stormwater and Park Facilities Conceptual Design Project



In association with



Presented by
City of Redmond, Otak, Inc.
and The Berger Partnership

August 6, 2009

Overlake Village Vision



- **POLICY IMPLEMENTATION**
- **GROWTH**
- **ENVIRONMENT**
- **LIVABILITY**

Consultant Team

Otak, Inc.

- **Prime consultant/project management, stormwater engineering, neighborhood and land use planning, and public involvement**

The Berger Partnership

- **Park facilities programming and conceptual design**

Northwest Hydraulic Consultants

- **Stormwater modeling**

GeoEngineers

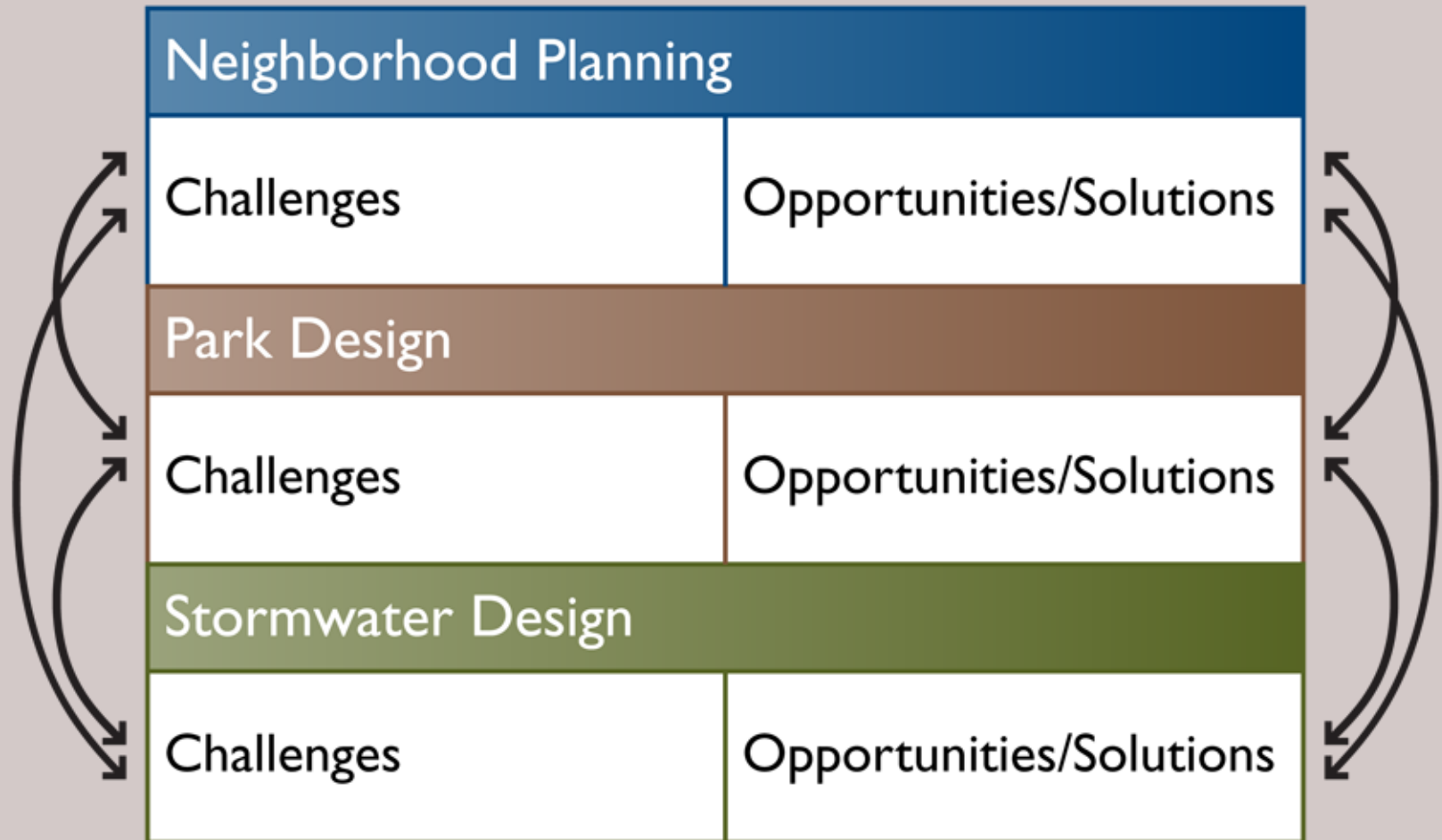
- **Geotechnical analysis**

Project Approach: Three Key Elements

- Stormwater Engineering
- Neighborhood Catalyst/Planning
- Park Design



Multi-Disciplinary Integration



General Project Tasks & Timeline

Task:

- 1 Project Management & Coordination**
- 2 Data Review**
- 3 Field Work**
- 4 Geotechnical Analysis**
- 5 LID Alternatives Analysis**
- 6 Site Feasibility & Alternatives**
- 7 Conceptual Plans**
- 8 Public Involvement & Presentations**
- 9 Master Plan Design**
- 10 Code Revisions**
- Formal Review and Adoption**

Timeframe:

Ongoing

Spring

Spring

Spring/Summer

Summer

Summer

Summer

Ongoing

Fall

Fall

Early 2010

Stormwater Design Goals

- **Maximize use of Low Impact Development best management practices.**
- **Provide an enhanced level of water quality treatment.**
- **Detain stormwater to pre-development forested conditions.**
- **Integrate stormwater and public park functions to minimize costs and maximize the human experience.**

Neighborhood Planning / Stakeholder and Public Involvement



Neighborhood Planning / Stakeholder and Public Involvement

Key Milestones – to Occur at Key Decision Making Points:

- **Steering Committee Meetings (Several)**
- **Parks & Trails Commission Meetings (Several)**
- **Project Information Sheets and Updates (Several)**
- **Project Website Support**
- **Stakeholder & Public Workshop # 1 (Summer)**
- **Stakeholder & Public Workshop # 2 (Fall)**
- **Stakeholder & Public Open House # 3 (Late 2009/Early 2010)**
- **Traveling Display / Poster**
- **Planning Commission Briefing**
- **City Council Study Sessions**

Vision for Collocated Facilities



Park Planning

Identify Parks Sites & Green Corridors

What's the
interrelationship
between them...



Park Planning

Site Analysis



SPINE TRAIL

- PAVED
- 8-10 FOOT WIDTH (12 FOOT MAX.)
- REDUCE "FREEWAY" EFFECT
- MEANDERING

- SPINE TRAIL
- SECONDARY TRAIL
- EQUESTRIAN TRAIL
- WETLAND SPUR
- PARKING
- CREEK

Identify Unique Characteristics

What are Opportunities & Constraints?

Enhance
Non-Motorized
Connections & Linkages



Park Planning

Define Character & Programming

What's happening in the parks?

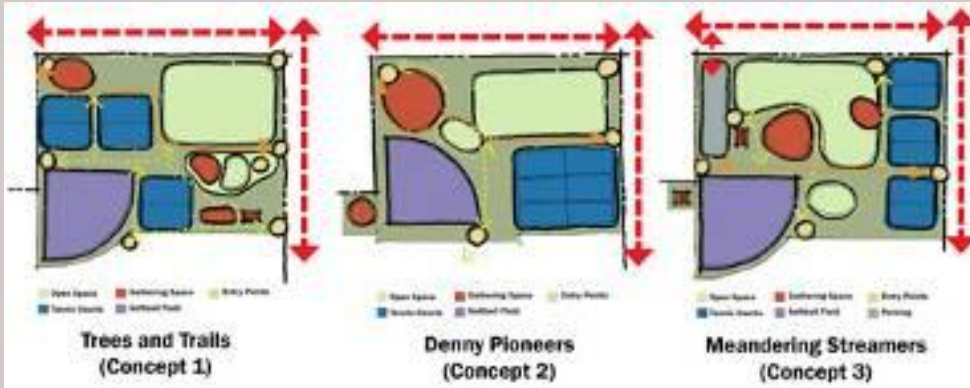
PROGRAM & FEATURES

- MULTI-PURPOSE SPORTS MEADOW (CRICKET, MAX SIZE)
- PARKING (90+)
- LARGE PICNIC AREA
- RESTROOMS
- HERITAGE (HOUSE)
- PLAYGROUND
- ENVIRONMENTAL PLAY
- CROSS COUNTRY LOOP
- ENVIRONMENTAL INTERPRETATION
 - SALMON VIEWING
 - WETLAND RESTORATION
 - "FARM" GARDEN
 - BLUE BERRIES
 - P-PATCH
 - FARMING PARTNERS (TILTH?)
 - SECONDARY INTERPRETATIVE TRAILS



Park Planning

Develop Alternatives



....and get feedback

Park Planning

Preferred Direction



Resulting in a
Conceptual Plan

Park Planning

Supporting Neighborhood Plan



Collocated Facilities

Open Water Condition



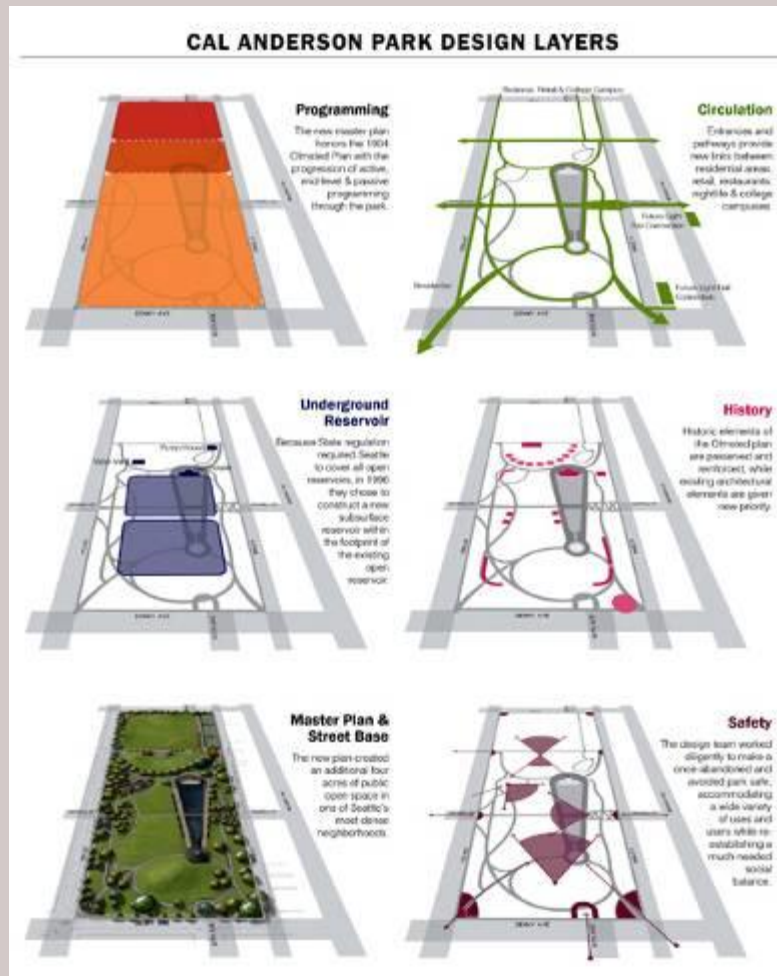
Collocated Facilities

Engage Water's Edge



Collocated Facilities

Subsurface Vaults



Collocated Facilities

Subsurface Vaults



Low Impact Development

Linear Park Opportunities



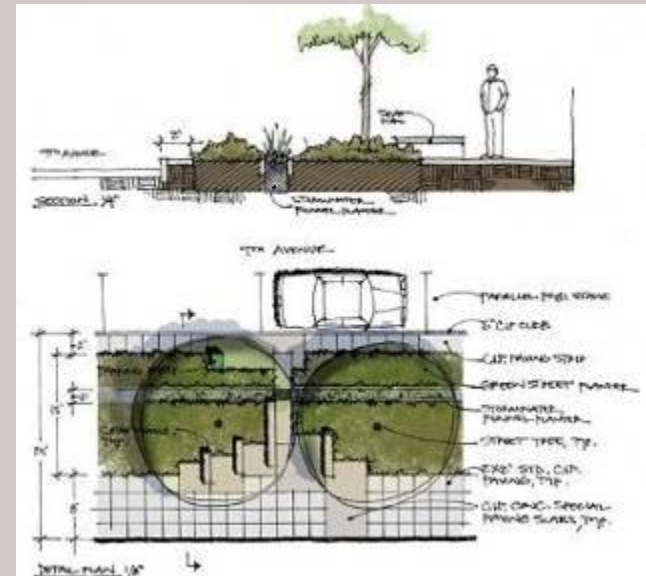
Tigard Downtown Streetscape



South Waterfront Green Streets

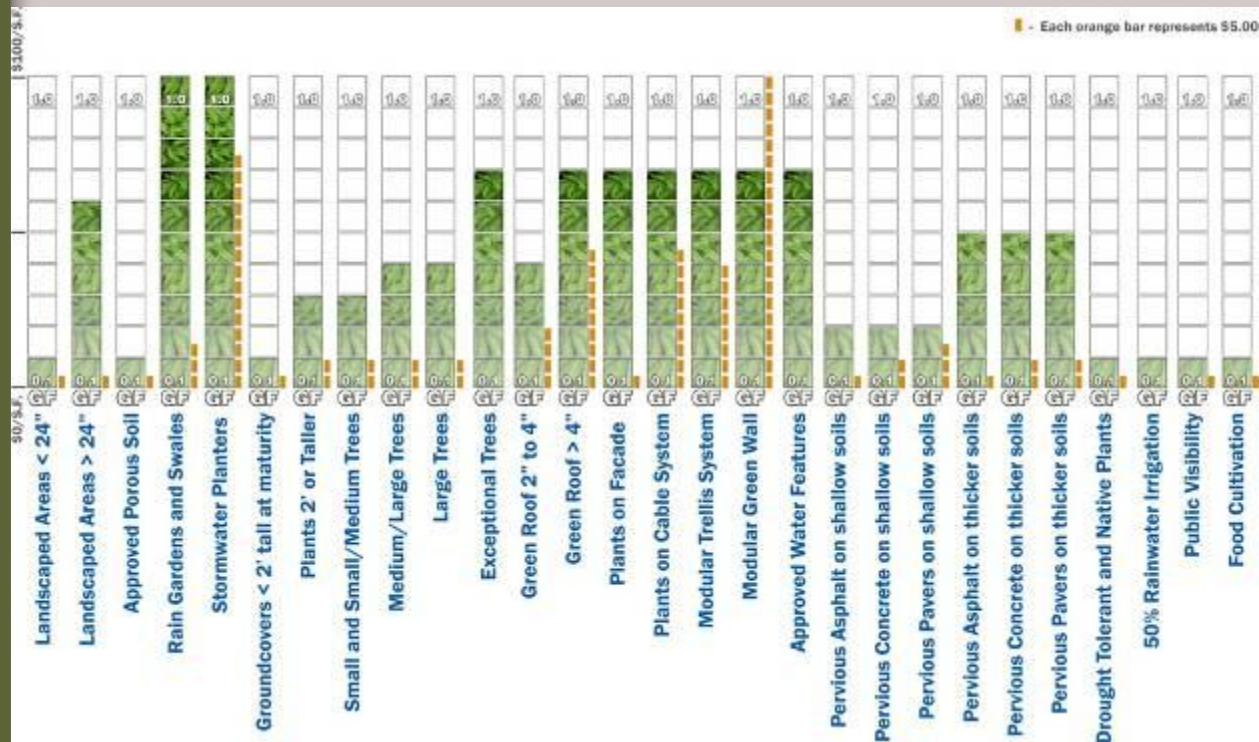
Low Impact Development

Improve Water Quality



Low Impact Development

Functioning Landscape Strategies



Rain Gardens and Swales



Stormwater Planters



Pervious Pavers



2" to 4" of growth medium

Vision for Collocated Facilities



Vision for Collocated Facilities

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We Need Your Input

Please help us shape this project.

- What do you like?
- What opportunities do you see?
- What is your vision for stormwater facilities, parks, and green spaces ?

Here is how you can give us your input:

- Fill out a comment form tonight and/or share your input with project representatives in the room.
- Visit the project website and fill out a comment form.
<http://www.redmond.gov/intheworks/Overlake/stormpark.asp>
- Call Steve or Tim (contact information at sign in desk).